ARRINGTON JOHN R

Form 4

Common

Stock

December 13, 2004

OMB APPROVAL UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading ARRINGTON JOHN R Issuer Symbol BARNES GROUP INC [B] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title Other (specify **BARNES GROUP INC., 123 MAIN** 12/10/2004 below) below) STREET Sr. VP, Human Resources (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting BRISTOL, CT 06011-0489 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities Ownership Indirect Form: Direct Beneficial (Instr. 3) Code Disposed of (D) Beneficially (Instr. 3, 4 and 5) Owned (D) or Ownership (Month/Day/Year) (Instr. 8) **Following** Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price Common 66,223.4692 D Stock (1) By Company's Common **Employee** 1,660.9461 I Stock Stock **Purchase**

Plan

By

Company's

401(k) Plan

2,847.029

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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D (Instr. 3, 4, and 5)		ate	7. Title and Lunderlying S (Instr. 3 and	Securities
				Code V	(A) (D	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Dividend Equivalent (Right to Receive)	(2)	12/10/2004		A	154.772	(3)	(3)	Common Stock	154.772

Reporting Owners

Reporting Owner Name / Address	Relationships
Nebulung Owner Maine / Address	

Director 10% Owner Officer Other

ARRINGTON JOHN R BARNES GROUP INC. 123 MAIN STREET BRISTOL, CT 06011-0489

Sr. VP, Human Resources

Signatures

Nancy M. Clark, pursuant to a Power of Atty

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Includes 20,000 Restricted Stock Units granted 2/12/03 and 11,000 granted 4/14/04 that are subject to forfeiture if certain events occur.
- (2) 1 for 1
- (3) The Rights become exercisable for shares of common stock proportionally with incentive stock units to which they relate. The actual receipt of the shares is based on conditions being met.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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